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| | | | | Application Number | 10/823,243 |
| | | | | Filing Date | April 12, 2004 |
| | | | | First Named Inventor | Jon P. Hassell, et al. |
| | | | | Group Art Unit | 3727 |
| | | | | Examiner Name | unknown |
| Sheet | 1 | of | 3 | Attorney Docket Number | 4186 PUS |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------------------|--------------------------|----------------------|--------------------------------------|--|--|--|
| Examiner Initials ¹ | Cite No. ¹ | U.S. PATENT DOCUMENT | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| /HG/ | 1 | 2029746 | | Tufts, et al. | 2/1936 | |
| | 2 | 2061414 | | Tufts et al. | 11/1936 | |
| | 3 | 2134875 | | Henze | 11/1938 | |
| | 4 | 2609120 | | Williams | 9/1952 | |
| | 5 | 3220603 | | Bromley | 11/1965 | |
| | 6 | 3323673 | | Cowan | 6/1967 | |
| | 7 | 3940018 | | Schoeller | 2/1976 | |
| | 8 | 3951265 | | Carroll | 4/1976 | |
| | 9 | 4106623 | | Carroll | 8/1978 | |
| | 10 | 4109791 | | Clipson, et al. | 8/1978 | |
| | 11 | 4241831 | | Locatelli | 12/1980 | |
| | 12 | 4247004 | | Bird | 1/1981 | |
| | 13 | 4391369 | | Stahl | 7/5/1983 | |
| | 14 | 4423813 | | Kreeger et al | 1.1884 | |
| | 15 | 4466541 | | Tabler et al | 8/1984 | |
| | 16 | 4573577 | | Miller | 3/1986 | |
| | 17 | RE 32,223 | | Kreeger et al. | 8/1986 | |
| | 18 | 4643310 | | Deaton et al. | 2/1987 | |
| | 19 | 4759451 | | Apps | 7/1988 | |
| | 20 | 4770300 | | Klein | 9/1988 | |
| /HG/ | 21 | 4848578 | | Schafer | 7/1989 | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|-----------------------------------|--------------------------|-------------------------|---------------------|--|--|--|----------------|
| Examiner Initials ¹ | Cite No. ¹ | Foreign Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁴ |
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | |
| /HG/ | 22 | DE | 35 11 321 | | Seitz | 10/1986 | |
| | 23 | DE | 35 21 894 | | Seitz | 1/1987 | |
| | 24 | DE | 199 39 019 | A1 | Schoeller-Plast | 2/2001 | |
| | 25 | DE | 200 02 537 | UI | Zimmerman | 7/2001 | |
| | 26 | EP | 0 311 174 | A1 | DePagter | 4/1989 | |
| | 27 | EP | 0 368 713 | | Reich | 5/1990 | |
| /HG/ | 28 | EP | 0 953 509 | A1 | Muller | 3/1999 | |

| | | | |
|-----------------------|--|--------------------|--|
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| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|--------------------------|-------------------------|--------------------------------------|---|--|---|
| Examiner Initials | Cite No. ¹ | U.S. PATENT DOCUMENT | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| | 29 | 4808002 | | Hofmday | 9/1969 | |
| /HG/ | 30 | 4905833 | | Kreeger et al | 3/1990 | |
| | 31 | 4947992 | | Shafer | 8/1990 | |
| | 32 | 4982844 | | Madan et al. | 1/1991 | |
| | 33 | 5083666 | | Lam | 1/1992 | |
| | 34 | 5415293 | | Ackermann | 5/1995 | |
| | 35 | 5494163 | | Apps | 2/1996 | |
| | 36 | 5609254 | | Loftus et al. | 3/1997 | |
| | 37 | 5617953 | | Cope | 4/1997 | |
| | 38 | D381203 | | Ackermann | 7/1997 | |
| | 39 | D382404 | | Cope | 8/1997 | |
| | 40 | 5752602 | | Ackermann | 5/1998 | |
| | 41 | 5772033 | | Loftus et al. | 6/30/1998 | |
| | 42 | 5881902 | | Ackermann | 3/1999 | |
| | 43 | 5924572 | | Cope | 7/1999 | |
| | 44 | 6059114 | | Loftus | 5/2000 | |
| | 45 | D436729 | | Aiken | 1/2001 | |
| /HG/ | 46 | 2003/230510 | A1 | Aiken et al | 12/18/2003 | |
| /HG/ | 47 | 6938772 | | Aiken et al. | 9/2005 | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|----------------------------|--------------------------|-------------------------|---------------------|--------------------------------------|---|---|---|----------------|
| Examiner r Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| /HG/ | 48 | EP | 0 557 002 | A | McKechnie UK Ltd | 8/25/1993 | | |
| ↓ | 49 | EP | 0 697 341 | A | Lin Pac Mouldings Ltd. | 2/21/1996 | | |
| | 50 | EP | 0 926 073 | A | C G Paxton Ltd | 6/30/1999 | | |
| | 51 | FR | 2 678 585 | | Rech | 1/1993 | | |
| | 52 | GB | 2 124 588 | A | Crayonne Ltd | 2/22/1984 | | |
| | | | | | | | | |
| /HG/ | 53 | GB | 2 374 859 | A | Lin Pac Mouldings | 10/30/2002 | | |

| | |
|-----------------------|--------------------|
| Examiner Signature | Date Considered |
|-----------------------|--------------------|

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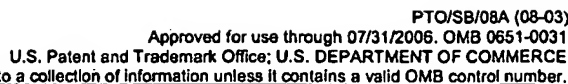
| U.S. PATENT DOCUMENTS | | | | | | |
|------------------------|--------------------------|----------------------|--------------------------------------|--|--|--|
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|-----------------------------------|--------------------------|-------------------------|---------------------|--------------------------------------|--|--|--|----------------|
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| | | Office ³ | Number ⁴ | Kind Code ³ (if known) | | | | |
| /HG/ | 54 | GB | 2 129 401 | | Holliday, et al. | 5/1984 | | |
| | 55 | GB | 2 137 167 | | Holliday | 10/1984 | | |
| | 56 | GB | 2 141 778 | | Holliday | 1/1985 | | |
| | 57 | GB | 2 171 980 | | Holliday, et al. | 9/1986 | | |
| | 58 | GB | 2 180 821 | | Holliday, et al. | 4/1987 | | |
| | 59 | GB | 2 209 737 | | Symonds | 5/1989 | | |
| | 60 | NL | 790 5105 | | Wavin | 6/1979 | | |
| | 61 | RU | 171783 | | | 3/1966 | | |
| | 62 | TW | R.O.C. 338405 | | | 8/1998 | | |
| | 63 | TW | R.O.C. 372539 | | | 10/1999 | | |
| | 64 | WO | WO 98/01352 | | Cope | 1/1998 | | |
| | 65 | WO | WO/0027716 | | Varfeldt | 5/2000 | | |
| | 66 | WO | WO 00/66440 | | Brauner | 11/2002 | | |
| | 67 | WO | 00/51900 | | Broadley, et al | 9/8/2000 | | |
| | 68 | GB | 2373240 | | Loftus, et al | 9/18/2002 | | |
| | 69 | GB | 2373239 | | Loftus, et al. | 9/18/2002 | | |
| | 70 | GB | 2350350 | | Cope et al | 11/29/2000 | | |
| | 71 | GB | 2340485 | | Cope | 2/23/2000 | | |
| | 72 | GB | 2333285 | | Barton | 7/21/1999 | | |
| /HG/ | 73 | GB | 2296009 | | Loftus et al. | 6/19/1996 | | |

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| Application Number | 10/823.243 |
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| Filing Date | 04/12/2004 |
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| First Named Inventor | Hassell |
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Art Unit

Examiner Name

| | |
|------------------------|---------------------|
| Attorney Docket Number | 4186 PUS; 67080-124 |
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FOREIGN PATENT DOCUMENTS

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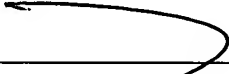

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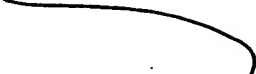

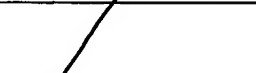
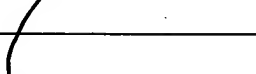
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| Filing Date | | 2004-04-12 |
| First Named Inventor | Hassell et al. | |
| Art Unit | 3781 | |
| Examiner Name | Harry A. Grosso | |
| Attorney Docket Number | 4186 PUS; 67080-124 | |

U.S. PATENTS

| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|---------------|------------------------|------------|---|--|
| /HG/ | 1 | 7017745 | | 2006-03-28 | Raghunathan |  |
| /HG/ | 2 | 7014043 | | 2006-03-21 | Raghunathan et al. |  |

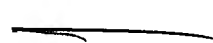
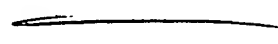
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U.S. PATENT APPLICATION PUBLICATIONS

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|-------------------|---------|--------------------|------------------------|------------------|---|---|
| /HG/ | 1 | 20060108372 | | 2006-05-25 | Aiken et al. |  |
| /HG/ | 2 | 20050263424 | | 2005-12-01 | Hassell et al. |  |
| /HG/ | 3 | 20020179480 | | 2002-12-05 | Raghunathan et al. |  |
| /HG/ | 4 | 20060231449 | | 2006-10-19 | Hassell et al. |  |

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

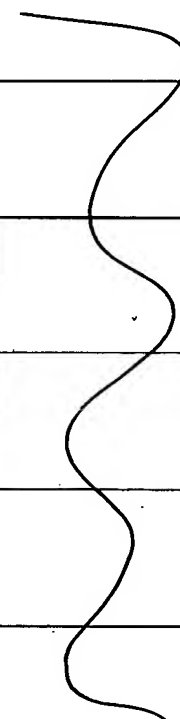
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| | | | | | | |
|------------------------------------|---|-------------|--|------------|----------------|---|
| /HG/ | 5 | 20050263423 | | 2005-12-01 | Hassell et al. |  |
| <i>Incorrect Number</i> | | | | | | |
| | 6 | 20060005570 | | 2006-03-30 | Hassell et al. | |
| /HG/ | 7 | 20020117420 | | 2002-08-29 | McDade |  |

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|-------------------|---------|--------------------------------------|-----------------------------|------------------------|------------------|---|---|--------------------------|
| /HG/ | 1 | 1241105 | EP | | 2002-09-18 | C.G. Paxton Limited |  | <input type="checkbox"/> |
| /HG/ | 2 | 2427606 | GB | | 2007-01-03 | Rehrig Pacific Company | | <input type="checkbox"/> |
| /HG/ | 3 | 2005100179 | WO | | 2005-10-27 | Rehrig Pacific Company | | <input type="checkbox"/> |
| /HG/ | 4 | 2005115854 | WO | | 2005-12-08 | Rehrig Pacific Company | | <input type="checkbox"/> |
| /HG/ | 5 | 2006036868 | WO | | 2006-04-06 | Rehrig Pacific Company | | <input type="checkbox"/> |
| /HG/ | 6 | 1170223 | EP | | 2002-01-09 | Lin Pac Mouldings Limited | | <input type="checkbox"/> |

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